==
     FIX NOTES FOR BAYRS VERSION 14.0.3.18 Based on 14.0.3.17
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Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.18	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.17	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.16	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.15	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.14	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.13	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.12	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.11	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.10	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.9	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.8	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.7	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==
BayRS Version 14.0.3.18 corrects the following problem:
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Q00901134-03: TCP Cert Advisory
The TCP stack was modified to protect against the possibility of the denial of service attacks outlined
in the NISCC advisory 236929.

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BayRS Version 14.0.3.17 corrects the following problem:
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Q00602324-04: OSPF:
Ack for non-existent LSA, Type-3 Summary is stuck in retransmission list.

Q00621925-03: OSPF
Not all external type 2 routes are removed when an interface goes down.

Q00620559-03: OSPF
Routing table does not flush when OSPF adjacency drops from Full->Init

Q00658536-03: OSPF
Watchdog expired on the OSPF soloist slot 2 hours after bootup

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BayRS Version 14.0.3.16 corrects the following problem:
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Q00749042: DLSw
DLSw connections may be killed prematurely.

Q00749030: SLDC
SDLC secondary link may fail to transmit frames.

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BayRS Version 14.0.3.15 corrects the following problem:
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Q00571519: IP
Need to have the ability to have a directed broadcast that is
received on a multinetted interface to be forwarded back out
that interface if directed to a network on that interface. To
use this functionality, set the wfIpIntfCfgMultinetBcastEnable
parameter to ENABLED. The default is DISABLED. This setting has
no effect unless wfIpBaseDirectedBcastEnable is also enabled.
Note that some devices will not function properly if they see
their own IP addresses with a different source MAC.

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BayRS Version 14.0.3.14 corrects the following problem:
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Q00668345: DVMRP
Multicast traffic always goes over unnumbered WAN links.

Q00749381: DVMRP
If Multicast is configured to go over unnumbered WAN links,
the router may fault if IGMP is bounced.

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BayRS Version 14.0.3.13 corrects the following problem:
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Q00593893-01: NAT
NAT is modifying the Destination IP address of the payload of an ICMP
Destination Unreachable packet to an incorrect value.

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BayRS Version 14.0.3.12 corrects the following problem:
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Q00461358-03: ARN
when a Xircom PCMCIA modem is used as the console port the modem
will answer but occasionally will not send the login prompt. This
may result in a router fault within a few minutes.

Q00522482: IP
The number of routes is inconsistent on different slots on the
router using the 'ip_routes -s' command.

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BayRS Version 14.0.3.11 corrects the following problem:
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Q00495473: OSPF
OSPF fails to age an AS External type-2 after OSPF non-neighbor
router flaps OSPF and the same AS External type-2 route is then
learned with a better cost when both routers are functioning
as ASBR and learn the same non-OSPF route which is sent as an AS
External type-2 route.

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BayRS Version 14.0.3.10 corrects the following problems:
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Q00023153-02: VRRP
VRRP multinetted on Token Ring Lane does not forward IP packets
after disabling another VRRP Lane instance.

Q00036727-01: Frame Relay
The MIB parameter wfFrDlcmiVcsConfigured is not being decremented
when Frame Relay VCs are deleted.

Q00092989-01: VRRP
When a non-owner Master VRRP receives a VRRP destined ping, it
replies with an ICMP redirect instead of silently discarding the
packet.

Q00121937-01: DLSw
LLC is running out of context blocks, preventing new DLSw sessions
from being established.

Q00168112: X.25
User traffic is dropped on an X.25 VC that is not in the DATAXFR
state.

Q00205390-01: SNMP
When IP-specific SNMP managers are configured on a router, sending
repeated SNMP requests to non-existent public string causes a hogs
buffs situation and the router is eventually unable to respond.

Q00218468-03: OSPF
A BayRS router may retransmit an LSA type 3 forever if the LSA
entry is aged out of the router's own LSDB just after it has
transmitted the LSA to its neighbor.

Q00277772-01: NetBIOS
NetBIOS NAME QUERY frames are echoed back out the same interface
they came in on.

Q00285834: MIB
The wfIfEntry.10 (wfIfInOctets) and wfIfEntry.16 (wfIfOutOctets) values are not correct on Frame Relay interfaces.

Q00302443: DLSw
Tag violation fault occurs running DLSw on an ATM interface.

Q00305450-03: IP Traffic Filters
IP traffic filters with precedence greater than 31 are deleted when Extended Traffic Filter support is disabled then enabled.

Q00305463-03: IP Traffic Filters
In a configuration with multiple IP user-defined traffic filters and extended traffic filters enabled, configuring a new IP user-defined traffic filter causes the IP user-defined traffic filter previous to it in the filter list to go into an invalid state.

Q00305630-04: TI
Tag violation faults and memory corruption can occur when TI initializes on a BN.

Q00423358-02: VRRP
If you configure two virtual routers as Masters on a single network interface and then disable the network interface, the second virtual router transitions incorrectly from the MASTER state to the BACKUP state. If you configure the first virtual router as a Master and the second virtual router as a Backup and then disable the network interface, the second virtual router incorrectly remains in the BACKUP state. However, the log always shows that the routers have transitioned correctly to the INIT state.

Q00425468-02: IP
An IP interface will remain up for up to 120 seconds after it has been disabled. If VRRP is configured as master on this interface, it will remain as master until the interface comes down.

Q00412172-02: VRRP
When a VRRP interface changes state, gratuitous ARPs are transmitted with the physical MAC address instead of the virtual MAC address.

Q00421606-01: VRRP
If two virtual routers are configured on the same non-token ring interface, the second virtual router remains in the INIT state.

Q00430901-03: OSPF
OSPF NBMA Interface intermittently gets stuck in exchange state when the router is flooding out type 3 database description packets.

Q00494478-02: VRRP
Disabling VRRP causes the router respond to ARP requests with a bogus MAC address.

Q00510064-01: VRRP
VRRP may fault during initialization due to a timing issue
between the dependant processes on the router.

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BayRS Version 14.0.3.9 corrects the following problem:
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Q00470890: RIP
When RIP is configured on an ATM PVC, the router will only send
2-3 update packets per second. As a result, it can take a
significant amount of time to update the entire routing table
on a large network.

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BayRS Version 14.0.3.8 corrects the following problems:
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Q00245641: TI_INIT
The TI_INIT process does not release memory on FRE4 and ARE
modules when the Serial Port ModemEnable attribute is enabled.
If many login requests are made, this could eventually cause an
out of memory fault on the router.

Q00391307-02: Radius
When Radius is enabled, if an invalid login attempt is made,
the router logs a message that an invalid radius access response
packet was received and disables the Radius server rather than
sending an access reject packet.

Q00413482: SNMP
When an SNMP get request packet is received with an incorrect
checksum and also has both the More bit and Do Not Fragment bit
set, the router may fault.

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BayRS Version 14.0.3.7 corrects the following problems:
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Q00043378-02: IP
The router will fault when one of the four serial interfaces
changes from a down state to an active state while BGP routes
are downloading to the router.

Q00075870: DLSw
When in a redundant path environment, a DLSw connection may be
left in an inconsistent connected state after the router attempts
and fails to make a connection.

Q00137521: IP traffic filter
Configuring IP user defined traffic filters where the user data
offset is greater than the size of the smallest IP packet that
the interface receives (such as an OSPF hello or RIP update)
will cause a fault on an ARE module.

Q00152764-03: IP traffic filter
Enabling Extended Traffic Filter support with inbound traffic filters with user defined IP criteria configured will cause the router to fault.

Q00209477-01: Dial Backup
The ifEntry.ifOperStatus and ifSpeed attributes are incorrect if a backup circuit is configured for the interface.

Q00254601: IP multicast
The router may send multicast packets out of sequence when unicast traffic is received simultaneously.

Q00259789-03: SNMP
Running the SNMP Certs test suite will cause an out of memory fault on the ARE module on the BN router.

Q00260631-01: Firewall
A Tag Violation fault may occur when firewall is configured with rules that have logging is enabled.

Q00286620-03: Radius
When the router receives incorrectly formatted Radius Authentication packets (i.e. the packet size is less than the minimum or greater than the maximum size, or contains an incorrectly formatted vendor specific attribute) the router will fault.

Q00302720: SNMP
When an SNMP request that has 1270 bytes or more of data is received on an ARN or AN router that has the buffer size set to 1824 (default), the router will fault or hang.

Q00317176-01: SNMP
When an SNMP request packet that contains an SNMP community length field that is greater than the size of the packet is received on an ATM interface on a BN router, the router will fault.

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BayRS Version 14.0.3.6 corrects the following problems:
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Q00247420-09: SNMP
The router will fault when an SNMP request packet is received that contains a community string that is greater than 256 characters in length.

Q00248132-04: SNMP
The router will fault when an SNMP request packet is received that contains a variable length field value that is greater than the actual size of the data.

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BayRS Version 14.0.3.5 corrects the following problems:
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Q00218526: OSPF
OSPF may fault in a very unstable network where interfaces are
continuously bouncing.

Q00225543: MIB II
There are no ifEntry instances for ATM service records.

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BayRS Version 14.0.3.4 corrects the following problems:
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Q00072116-02: RIP
In a configuration where a default is advertised via a RIP
announce policy, the metric is not advertised correctly.

Q00137353: VRRP
OSPF Hello is sent with the VRRP virtual MAC address as the
source even when the router is the backup.

Q00174392-01: OSPF
Incorrect mask is being installed for default router during
network convergence. In redundant topologies if there is more
than one exit out of the autonomous system via a default route
then there could be some issues when the network converges due
to the fact that one of the exit points is now unavailable.

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BayRS Version 14.0.3.3 corrects the following problems:
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Q00045702: OSPF
A compatibility issue exists between a BayRS router and
a Juniper router running over an ATM Point-to-Point PVC,
causing OSPF adjacencies to fail to go to the full state.
The problem is twofold -- the Juniper router is sending
an OSPF Hello packet with an invalid netmask, but the router
should be ignoring the netmask.

Q00060492: ATM
The wfAtmizerVcITxClipFrames attribute displays erroneous
information. Because the router does not support this MIB
attribute, it should display zero.

Q00082790: L2TP
L2TP runs successfully on a BCN only when you configure it on
slots numbered seven or less.

Q00109479: DVMRP
After a network outage, the cache entries for certain DVMRP
streams may be incorrect, resulting in data loss.

Q00147498: IGMP
When running IGMP on the router, unicast traffic response time becomes unusually slow.

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BayRS Version 14.0.3.2 corrects the following problem:
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Q00088571-01: OSPF
When ASBR attempts to originate a type 5 LSA with a 32 bitmask and network ID that matches the LSID of an existing LSA, it overwrites all existing self-originated type 5 LSAs in the link state database (LSDB).

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BayRS Version 14.0.3.1 corrects the following problems:
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Q00088344: ARP
When an IP router ages an entry out of its ARP cache, a delay may occur before the router sends an ARP request to create a new entry. This may cause the client to lose its network connection for up to 11 seconds.

Q00094625: TFTP
Although TFTP appears to be loaded on the router, TFTP may fail to initialize if it tries to register with IP before the IP process is up.